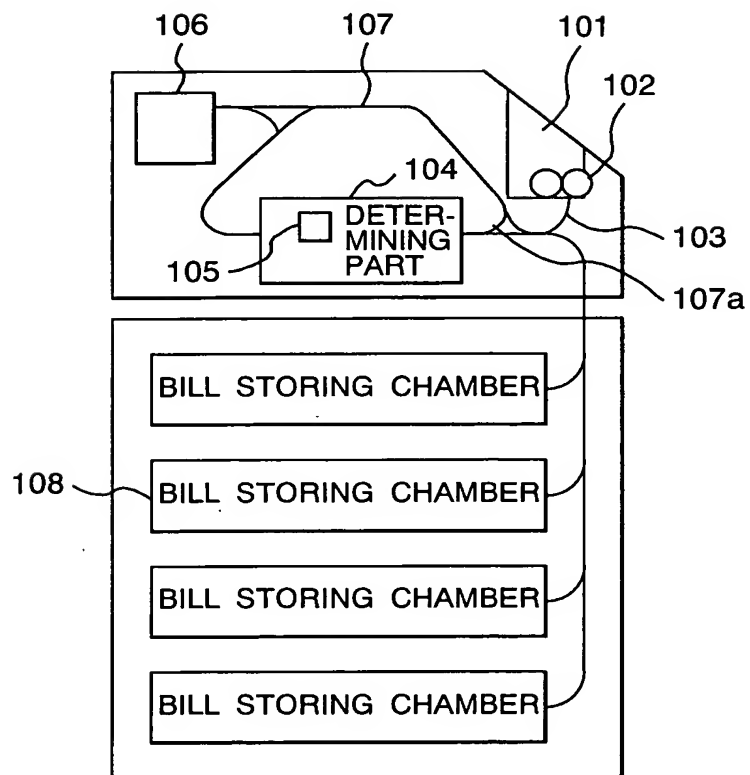


**FIG. 1**



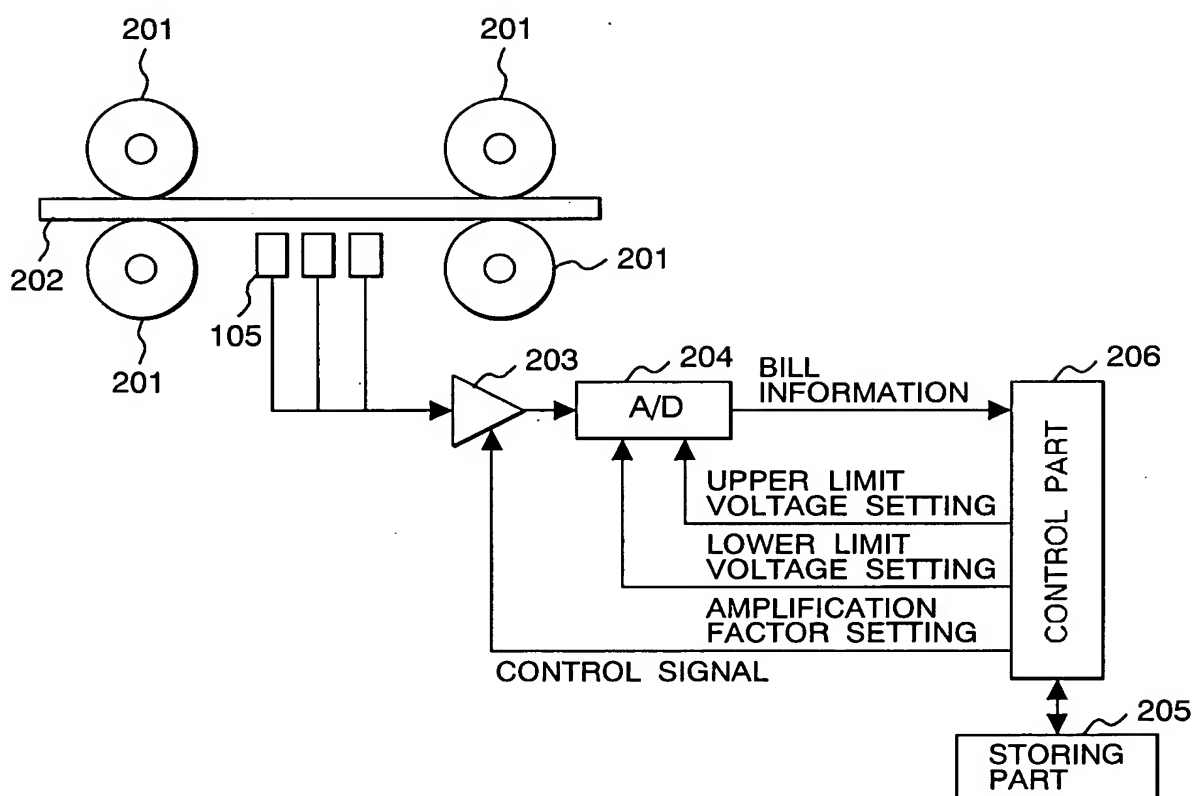
**FIG. 2**

FIG. 3a

NORMAL AMPLIFICATION FACTOR

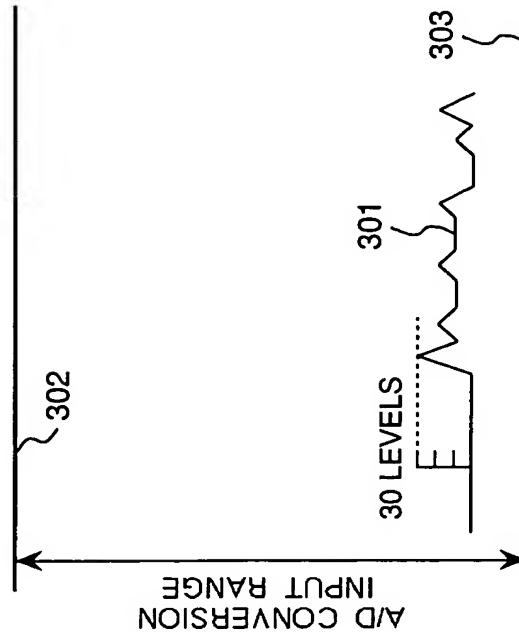


FIG. 3b

HIGHER AMPLIFICATION FACTOR

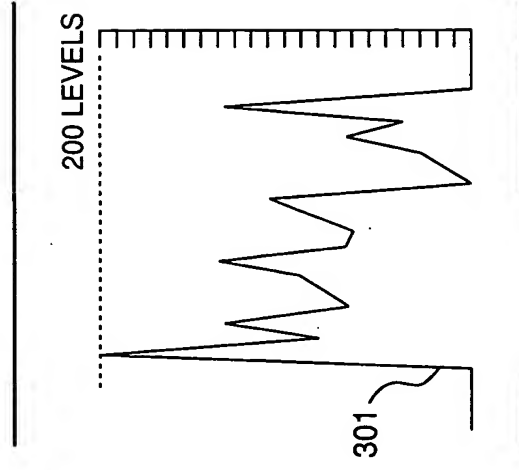


FIG. 4a

NORMAL A/D CONVERSION INPUT RANGE

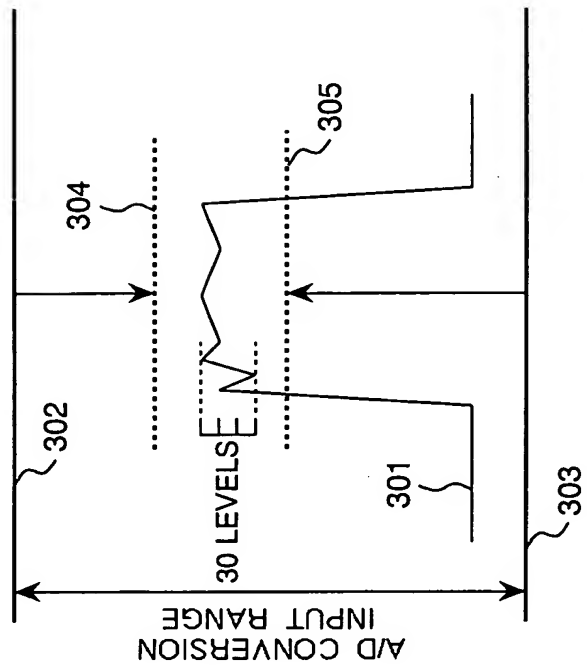
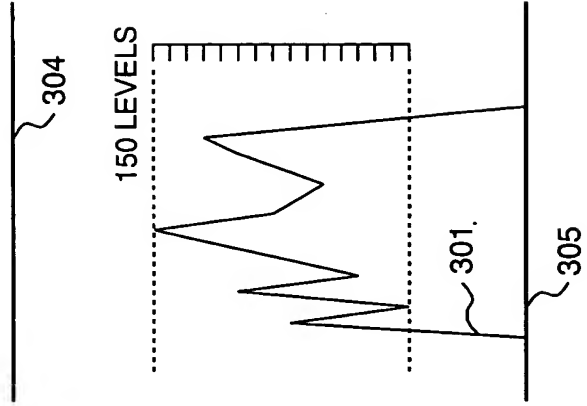


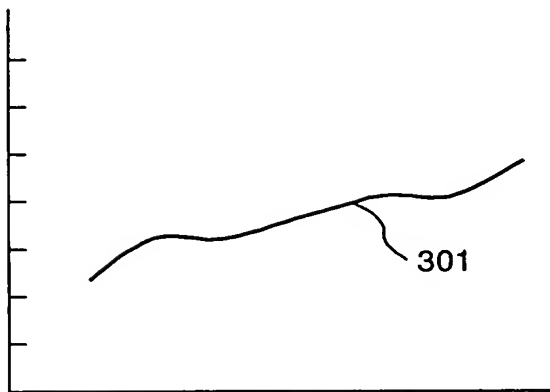
FIG. 4b

CHANGED A/D CONVERSION INPUT RANGE



**FIG. 5a**

NORMAL OUTPUT OF AMPLIFIER

**FIG. 5b**

NORMAL OUTPUT AFTER A/D CONVERSION

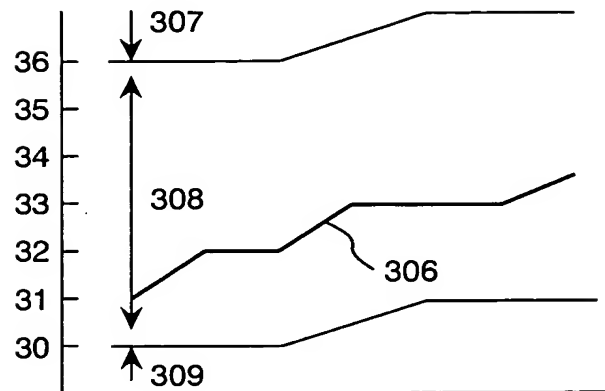
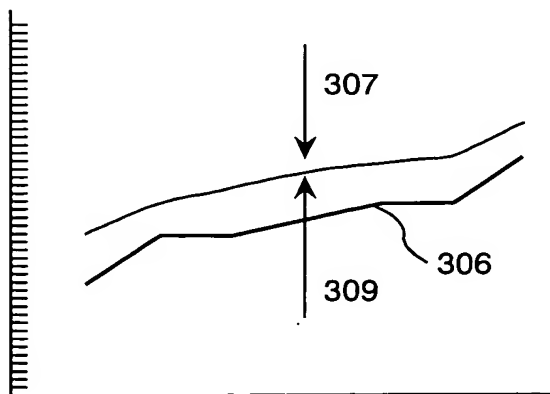
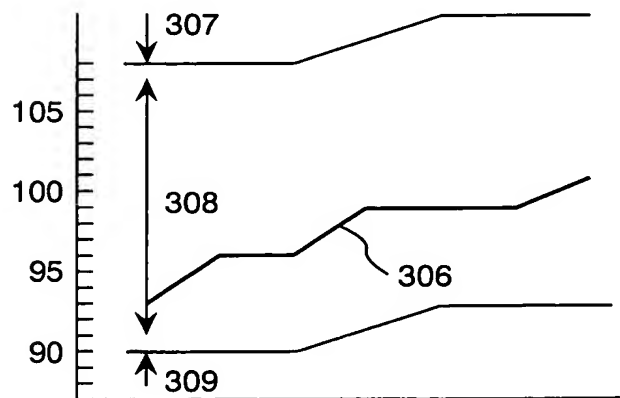
**FIG. 5c**OUTPUT AFTER A/D CONVERSION  
WHEN A/D CONVERSION INPUT RANGE  
IS CHANGED**FIG. 5d**TRIPLED NORMAL OUTPUT AFTER  
A/D CONVERSION

FIG. 6

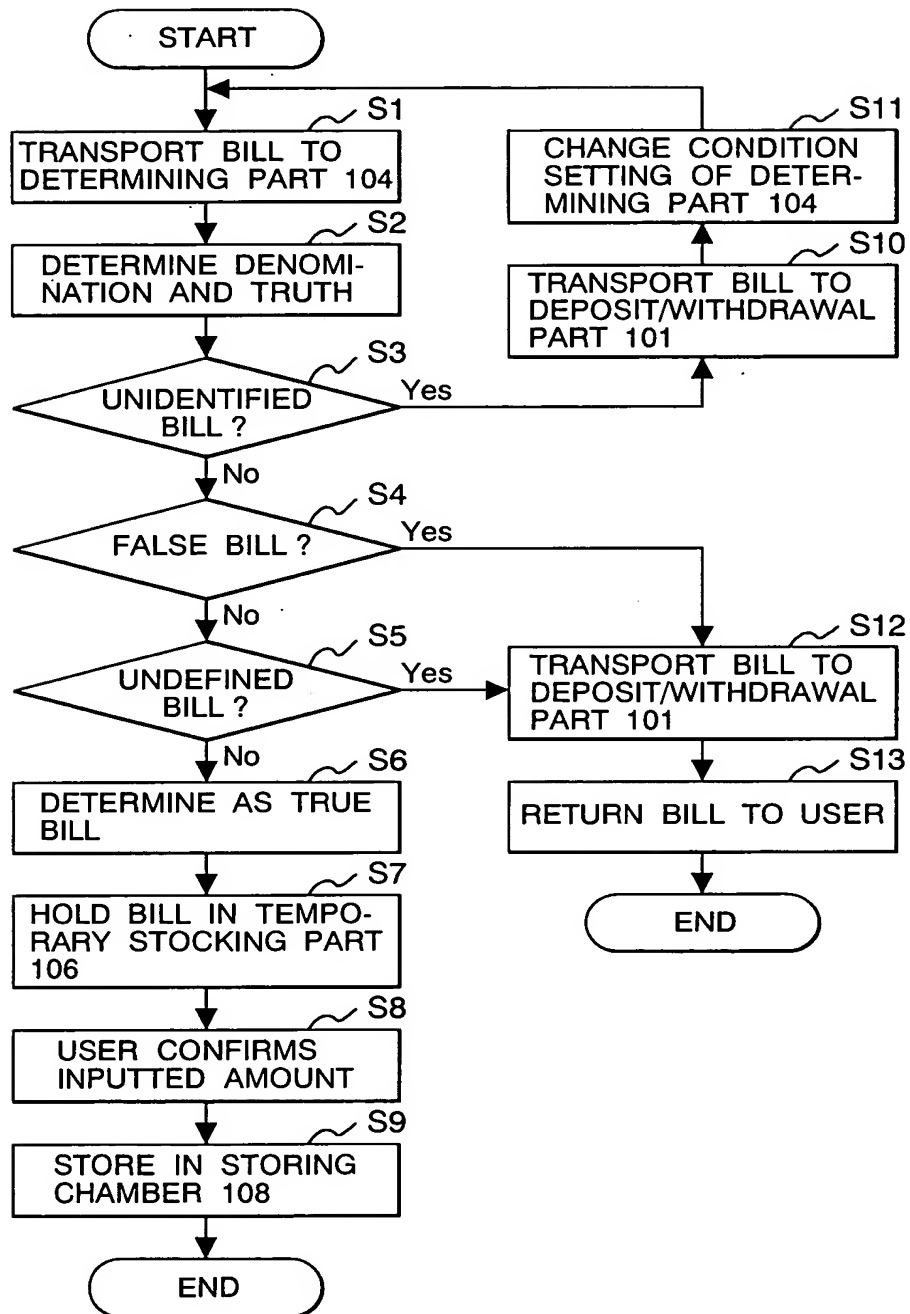


FIG. 7

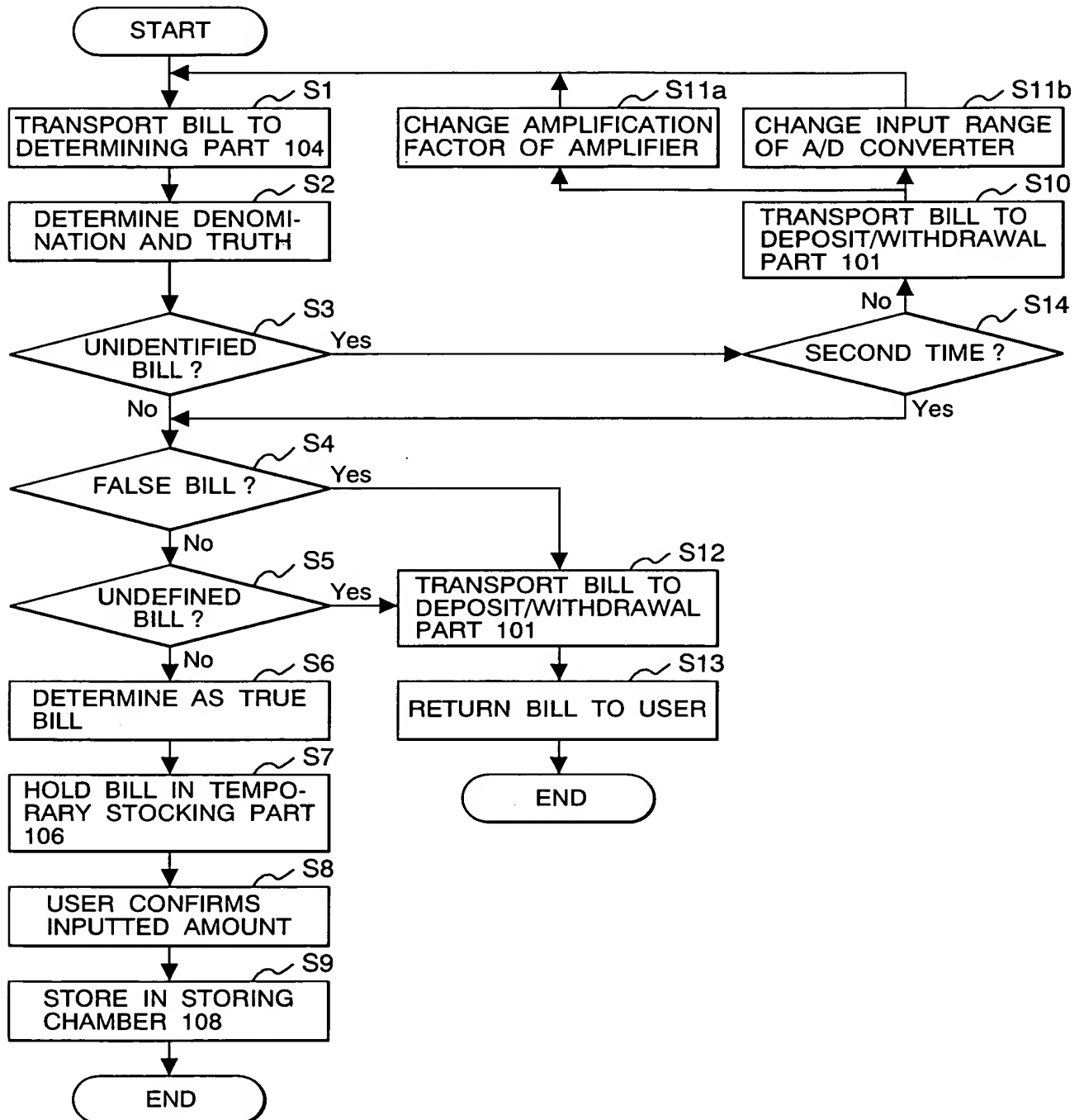
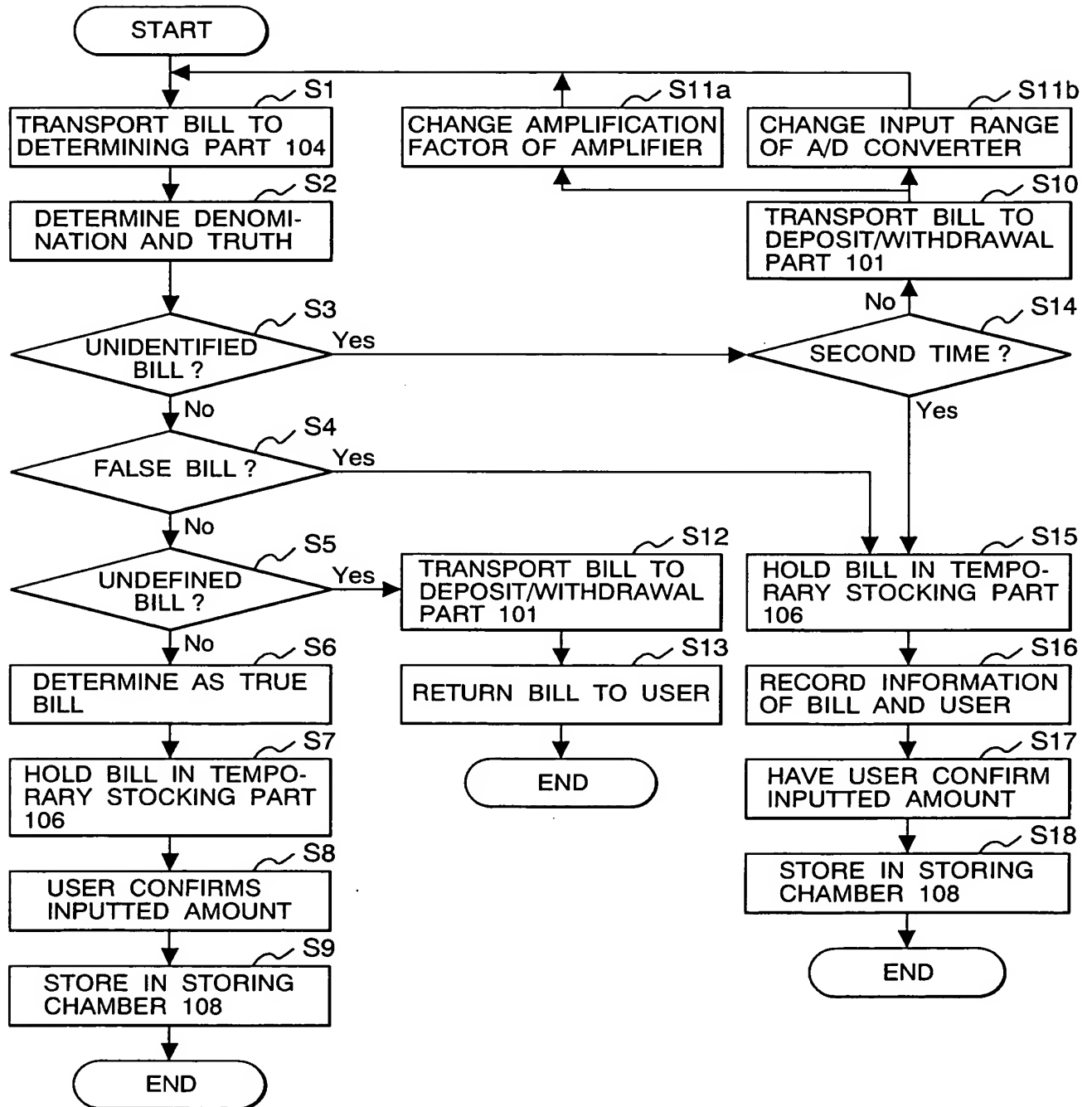


FIG. 8





**FIG. 9**

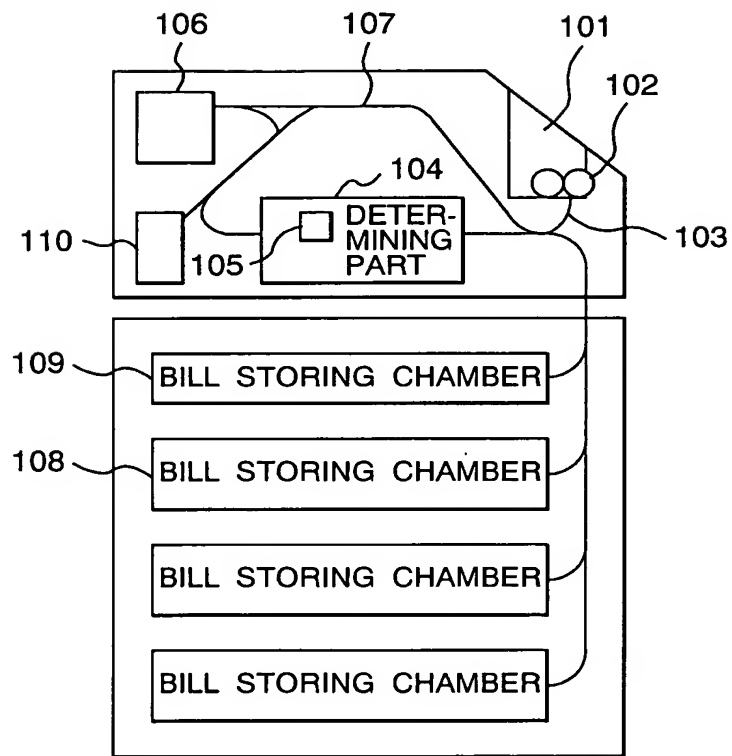


FIG. 10

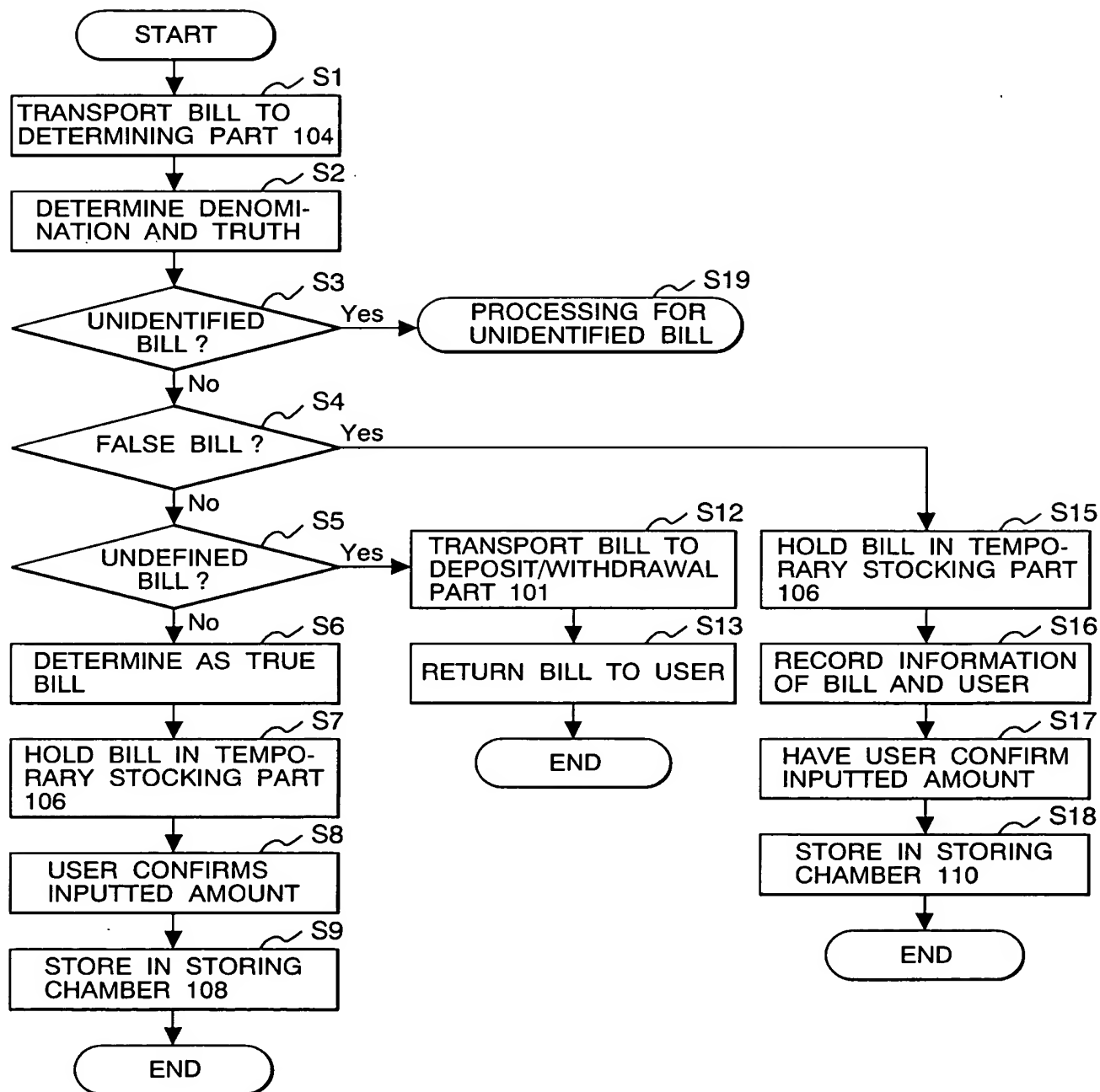


FIG. 11

